

THA

Notice of Allowability	Application No.	Applicant(s)	
	10/712,498	WAI, FUK CHAI ALVIN	
	Examiner	Art Unit	
	Urszula M. Cegielnik	3711	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 03 January 20051.
2. ☒ The allowed claim(s) is/are 1-39.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

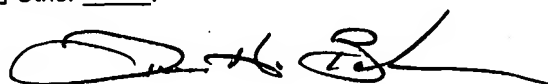
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

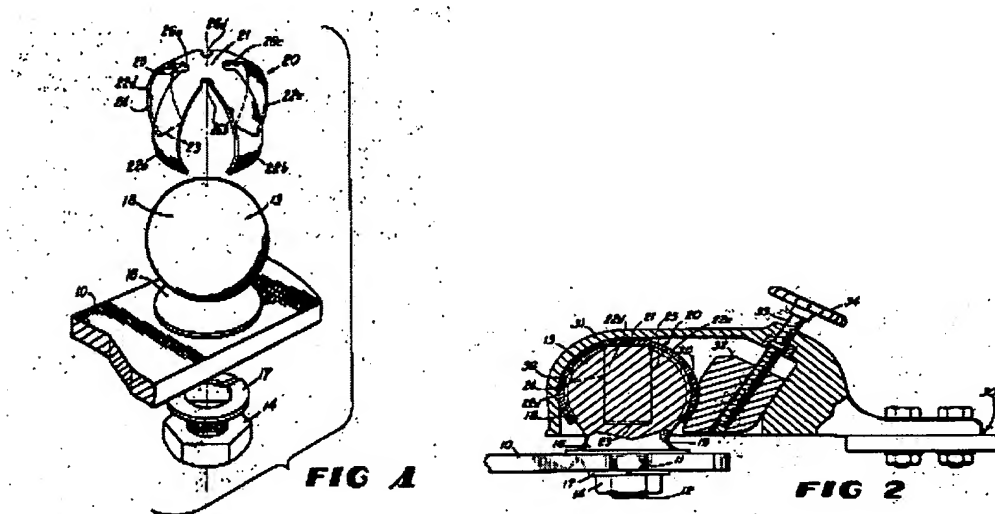
- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |



DERRIS H. BANKS
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3700
Part of Paper No./Mail Date 101705

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: The specific limitation(s) of multiple spaced apart protrusions, the joint being adapted so that the operative surface of the plug portion is urged into contact with ends of the protrusions so as to create friction therebetween in combination with a separately manufactured removable insert positioned at least partially within the socket portion and adapted to secure the plug portion within the socket portion are not anticipated or made obvious by the prior art of record in the examiner's opinion.



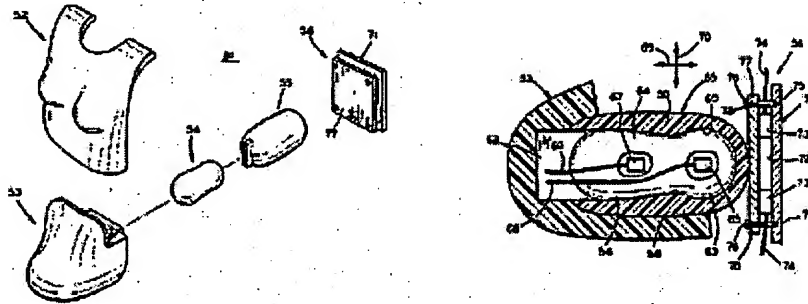
For example, Suarez discloses a movable toy comprising a first body part member (10); and a second body part member (31), a joint is defined between the first and second body part members (10,31) to enable relative motion between the first and second body part members (the first and second body parts are enabled by the socket (20) and plug (ball) (13)), the joint comprises a plug portion (13) secured to one of the first and second body part members (10,31); and a socket portion (20) secured to the

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other of the first and second body part members (10,31) and adapted to receive the plug portion (18), the socket portion (20) includes multiple spaced apart protrusions (22a,22b,22c,22d), the joint being adapted so that an operative surface (the outer surface portion of reference numeral 13) of the plug portion (13) is urged into contact with ends of the protrusions (22a,22b,22c,22d) so as to create friction therebetween (*the fingers snugly grasp the body 18, col. 2, line 63-66*); and a separately manufactured removable insert (14) adapted to secure the plug portion (13) within the socket portion (20); the protrusions are formed as ribs that extend toward the operative surface of the plug portion (13) that extend toward the operative surface of the plug portion from a wall of the socket portion (18); each of the multiple contact regions are formed at an end of a protrusion that extends toward the operative surface of the plug portion (13); the protrusions (ribs) extend toward the operative surface of the plug portion at angles to one another; the operative surface of the plug portion is convex (col. 2, lines 36-39) and at least one of the multiple distinct contact regions is concave (col. 2, lines 36-39); the socket portion (20) is configured to capture and hold a head (18) of the plug portion (13) within the socket portion (20) (col. 2, lines 63-66); the socket portion (20) is adapted to urge the head (18) of the plug portion (13) against the multiple distinct contact regions (22a,22b,22c,22d); the plug portion (13) includes a head (18) and a shaft (12) extending therefrom, the shaft (19) being narrower in width than the head (18); the shaft (12) extends from the head (18) through an opening (the female threaded portion of reference numeral 14); the opening (the female threaded portion of reference numeral 14) is sized smaller than the head (see Figure 1, for example); the shaft (12)

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extends away from the head (18) between the first and second body part members (10,31).



Smrcka et al. disclose a test crash dummy having a torso with an abdominal cavity formed therein. A fetal insert assembly being removably retained in an insert cavity in an abdominal shell which is removably retained in the abdominal cavity.

Smrcka et al. disclose a mounting plate, bracket means attached to the lower abdominal portion of the torso. However, the prior art fails to teach multiple spaced apart protrusions, the joint being adapted so that the operative surface of the plug portion is urged into contact with ends of the protrusions so as to create friction therebetween in combination with a separately manufactured removable insert positioned at least partially within the socket portion and adapted to secure the plug portion within the socket portion.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Urszula M. Cegielnik whose telephone number is 571-272-4420. The examiner can normally be reached on Monday through Friday, from 5:45AM - 2:15PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Derris H. Banks can be reached on 571-272-4419.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300 for both regular and After Final communications.

Urszula M. Cegielnik
Assistant Examiner
Art Unit 3714



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